

CLAIMS:

1. A security system for networks, comprising
 - a first portable unit (1) with a memory (3) for storing a worldwide unambiguous key record (4) provided for short-range information transmission of the key record (4), and
 - at least one receiving unit (7) in at least one apparatus (2) of the network, comprising a receiver (9) for receiving the key record (4) and an evaluation component (11) of the apparatus for storing, processing and/or passing on the key record (4) or a part of the key record to a second component.
2. A security system as claimed in claim 1, characterized in that the first unit (1) comprises a triggering unit (5) for triggering a short-range transmission of the key record.
3. A security system as claimed in claim 1, characterized in that, upon a user's approach to the receiving unit (7), a detector unit in the unit (1) is provided for triggering the short-range information transmission of the key record (4).
4. A security system as claimed in any one of claims 1 to 3, characterized in that a key generator (14) is provided in the first unit (1) or in a second unit (13) for generating a sequence of guest key records (17).
5. A security system as claimed in any one of claims 2 to 4, characterized in that the first unit (1) is provided for transmitting a guest key record (17) upon activation of a second triggering unit (15).
6. A security system as claimed in claim 1 or 5, characterized in that the key record (4) and the guest key record (17) each consist of a bit sequence.
7. A security system as claimed in claim 1, characterized in that the first unit (1) is a part of an apparatus, particularly a remote control unit.

8. A security system as claimed in claim 1, characterized in that the key record (4) is supplied during or before a network configuration, particularly an automatic network configuration, of an apparatus (2).

9. A security system as claimed in claim 6, characterized in that the key record (4) and the guest key record (17) comprise characterizing bits which are provided for distinguishing between key records (4, 17) and other bit sequences and characterize bit sequences as key record (4) or as guest key record (17).

10. A security system as claimed in claim 4, characterized in that the apparatus (2) is provided for erasing the guest key record (17).

11. A security system as claimed in claim 4, characterized in that the apparatus (2) is provided for authentication and encryption of useful data to be transmitted between the apparatuses of the network by means of a key comprised in the key record (4, 17).

12. A security system as claimed in claim 1, characterized in that the apparatus (2) is a powerline communication apparatus.

13. A powerline communication network, characterized by a security system as claimed in any one of the preceding claims.

14. A portable unit (1) for installing a shared key in at least one apparatus (2) of a wireless network comprising a memory for storing a worldwide unambiguous key record (4) which is provided for short-range information transmission of the key record.

15. An electric apparatus (2) with a receiving unit (7) comprising a receiver (9) for receiving a key record (4) and an evaluation component (11) of the apparatus (2) for storing, processing and/or passing on the key record or a part of the key record to a second component (10).